FIG. 1

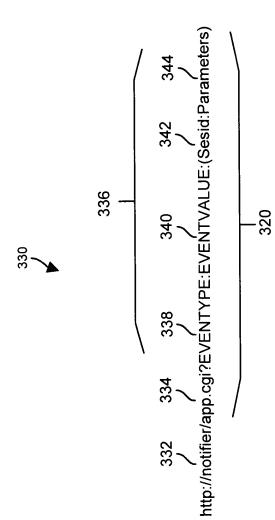
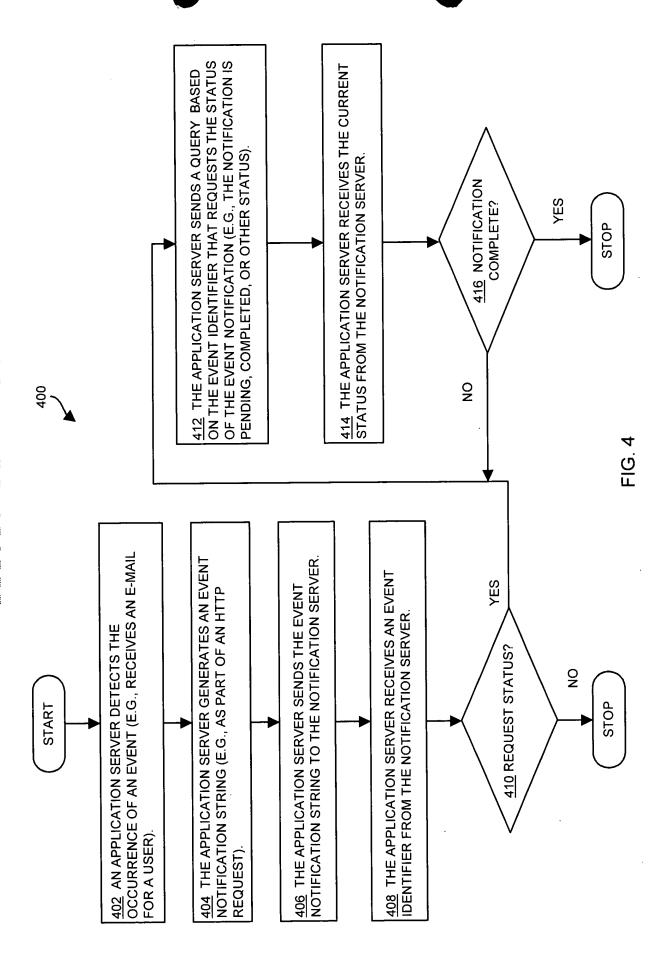


FIG. 3

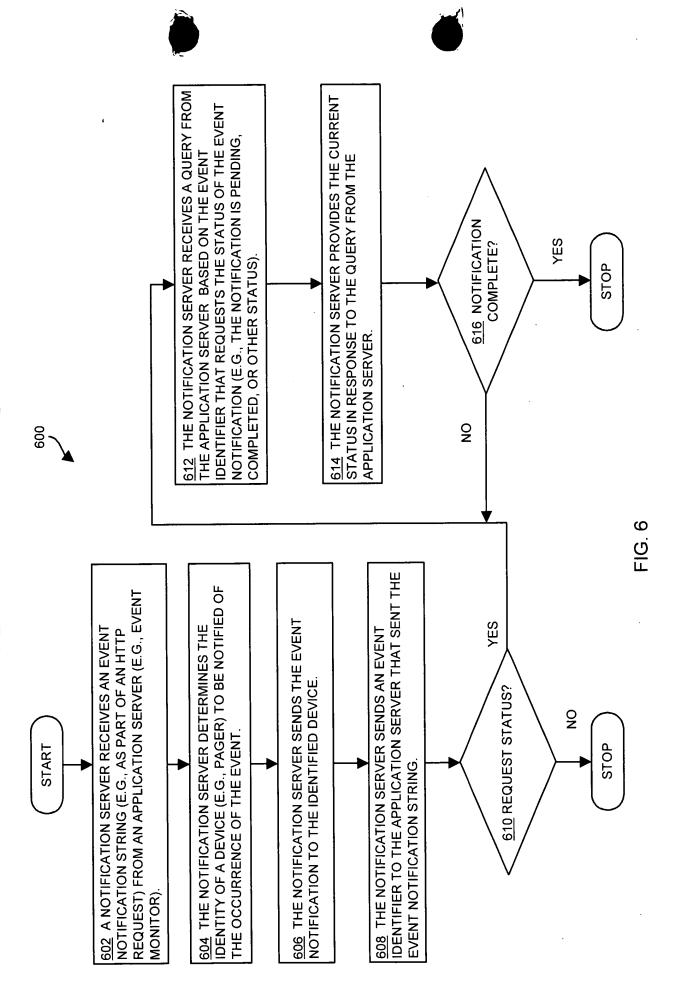


<EVENT_STATE last_change_time="14:45:34.21" last_change_date="02/14/2000" state="Completed"/> <EVENT_STATUS id="1122334455xyz" event="MSGWAITING:ON"> ~ <!xml version="1.0" standalone="yes"> <NODE_LIST>

-506B <DEVICE type="mwi" id="8045551212" status="RNA"/> --<DEVICE type="pager" id="8045550000" status="OK"/> -</NODE_LIST>

</EVENT_STATUS>

FIG. 5



700 702 AN APPLICATION USER USES A DEVICE (E.G. TELEPHONE) TO ACCESS A NOTIFYING APPLICATION (E.G., VOICE MAIL APPLICATION) EXECUTING ON AN APPLICATION SERVER AND LEAVES A MESSAGE FOR ANOTHER INDIVIDUAL (E.G., TARGET USER)

NOTIFICATION SERVER (E.G., NOTIFIER) TO REQUEST NOTIFICATION OF THE VOICE MESSAGE TO USER 2, 704 THE APPLICATION SERVER SENDS AN EVENT NOTIFICATION STRING IN AN HTTP REQUEST TO A http://notifier/app.cgi?MSGWAITING:ON:sesid12123434abcdi BASED ON A URL, FOR EXAMPLE:

706 THE NOTIFICATION SERVER RETURNS AN EVENT STATUS ID, AND THE APPLICATION SERVER CLOSES THE CONNECTION WITH THE NOTIFICATION SERVER.

THE CURRENT SESSION OF THE VOICE MAIL APPLICATION), AND FINDS THE IDENTITY OF THE TARGET USER. APPLICATION-STATE DATA RECORD (E.G., IDENTIFIED BY SESSION IDENTIFIER "SeSId12123434abcd:" FOR 708 THE NOTIFICATION SERVER READS THE STATE INFORMATION FOR THE SESSION FROM THE

710 THE NOTIFICATION SERVER LOOKS UP THE TARGET USER'S PREFERENCES FOR NOTIFICATION IN A DATABASE (E.G. AN LDAP DIRECTORY) AND FINDS ONE OR MORE DEVICES FOR NOTIFYING THE TARGET USER (E.G., TWO TELEPHONES WITH MWI CAPABILITY AND ONE PAGER)

USER (E.G., USES TELEPHONY API'S TO ACCESS THE MWI DEVICES, AND SENDS AN SMTP MAIL MESSAGE TO 712 THE NOTIFICATION SERVER SENDS THE NOTIFICATION TO THE DEVICES IDENTIFIED FOR THE TARGET THE PAGING SERVICE FOR THE PAGER).